BRUHATH BENGALORE MAHANAGARA PALIKE

YELAHANKA DIVISION

Name of Work : DEVELOPMENT OF PLAY GROUND AT JUDICIAL LAYOUT IN WARD NO.4

Est cost : 200 Lakhs

SL NO	DESCRIPTION	Unit	NO	L	B	H	QTY	RATE	AMOUNT
1	KSRB 2-2 1 Earth work excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches1 5m and above in width, in Hard soil not exceeding 1 5m, in depth including dressing the bottom and sides of pits and trenches stacking the excavated soil clear from edges of excavation with lead upto 50m after breaking of clods complete as per specification No. KBS 2 1 (b) / 2 3 5 (P 5/I 23 PW, P & IWTD - SR 2016-17)								
	For Pavilion								
	Foundation		20.00	2.40	2.40	1.50	172.80		
			10.00	2.10	2.10	1.50	66.15		
			10.00	1.80	1.80	1.50	48.60		
			2.00	2.40	2.40	1.50	17.28		
	For Toilet room walls		6.00	1.75	0.75	1.00	7.88		
							312.71		
	Basic rate	189.00							
	Weightage 8%	15.12							
	Total	204.12							
		Cum					312.71	204.12	63,829.34
2	KSRB 2 3 Filling Gravel in sides of foundations up to plinth in layers not exceeding 20 cms. In depth, compacting each deposited layer by ramming after watering with lead upto 15 Km and lift upto 1 5 m including cost of labour complete as per specifications Specification No KBS 2 9 (P 6/I 2 1 PW , P & IWTD - SR 2016-2017)								
	a) Gravel collection (Code No 0752)	170.00							
	b) Lead 15 Km (Code No 1096)	240.00							
	c) Plate vibrator having 3 ton compaction force (Code No 1086)	300.00							
	Total Cost	710.00	Rs						
	For Pavilion								
	INDOOR STADIUM AREA		2.00	17.00	8.80	0.60	179.52		
			1.00	6.02	8.80	0.30	15.89		
		TOTAL					195.41		
	Basic rate	710.00							
	Weightage 8%	56.80							
	Total	766.80							
		Cum					195.41	766.80	1,49,842.54
3	KSRB 2 6 Providing and filling Sand in foundation upto required depth of sub soil treatments including watering ramming with all lead lift complete as per specifications Specification No. KBS 2 10 2(P 6 PW , P & IWTD - SR 2016-2017)								
	For PAVILION								
	Foundation		20.00	2.40	2.40	0.72	82.94		
			10.00	2.10	2.10	0.80	35.28		
			10.00	1.80	1.80	0.87	28.19		
			2.00	2.40	2.40	0.72	8.29		
	For toilet room foundation		6.00	1.75	0.23	1.00	2.36		
							154.71		
	Basic rate	2135.00							

	Weightage 8%	170.80							
	Total	2305.80							
		Cum					154.71	2,305.80	3,56,722.02
4	KSRB 4-1 2 Providing and laying in position plain cement concrete of mix 1 3 6 with OPC cement @ 220 kgs, with 40 mm and down size graded granite metal coarse aggregates @ 0 892 cum and fine aggregates @ 0.465 cum machine mixed, concrete laid in layers not exceeding 15 cms thick well compacted, in foundation and plinth, including cost of all materials labours, HOM of machinery, curing complete as per specifications. Specification No KBS 4 1, 4 2 (P 12/1 4 2 PW , P & IWTD - SR 2016 2017)								
	For PAVILION								
	Foundation		20.00	2.40	2.40	0.10	11.52		
			10.00	2.10	2.10	0.10	4.41		
			10.00	1.80	1.80	0.10	3.24		
			2.00	2.40	2.40	0.10	1.15		
	Indoor Foundation area		2.00	17.00	8.80	0.10	29.92		
			1.00	6.02	8.80	0.10	5.30		
	For Toilet room wall foundation area		6.00	1.75	0.75	0.10	0.79		
							56.33		
	Basic rate	5046.00							
	Weightage 8%	403.68							
	Total	5449.68							
		Cum					56.33	5,449.68	3,06,964.67
5	KSRB 5 2-3 Providing and constructing granite / trap / basalt rubble stone masonry in foundation with cement mortar 1 6 (uncoursed), bond stones at two m apart in each course including cost of materials, labour curing complete as per specifications. KBS 5 1 12 (P 23/1 5 6 PW, P & IWTD -SR 2016-17)								
	For Toilet room walls		6.00	1.75	0.60	0.45	2.84		
							2.84		
	Basic rate	4187.00							
	Weightage 8%	334.96							
	Total	4521.96							
		Cum					2.84	4,521.96	12,819.76
6	KSRB 5-14 1 Providing and constructing precast concrete solid blocks with compressive strenth not less than 35Kg/sqm with cement mortar 1 4 masonry for steps with solid concrete blocks of size 40x20x20 cms conforming to I S 2185/1965 including cost of materials, labour charges, curing complete as per specifications. (P 25/I 5 27 PW, P & IWTD -SR 2016-17)								
	For Indoor stadium wall		2.00	17.20	-	2.10	72.24		
			2.00	17.20		4.35	149.64		
			4.00	5.70		4.35	99.18		
			4.00	6.70		2.18	58.29		
	For Toilet room		2.00	3.70		3.53	26.09		
			2.00	1.50		4.35	13.05		
			2.00	1.50		2.70	8.10		
			2.00	1.50		3.53	10.58		
	For inside staircase side wall		2.00	8.50		2.18	37.06		
			2.00	1.50		4.50	13.50		
	For Climbing steps		40.00	1.50		0.20	12.00		
			40.00	1.50		0.20	12.00		
							511.72		
	Deductions								
	Rolling Shutter		-2.00	3.00		2.80	-16.80		

	Toilet room Door		-4.00	0.90		2.10	-7.56		
	Toilet room Ventilator		-4.00	0.60		0.75	-1.80		
	Windows		-14.00	1.80		1.80	-45.36		
			-2.00	1.50		2.80	-8.40		
							-79.92		
	Basic rate	907.00							
	Weightage 8%	72.56							
	Total	979.56							
		Sqm					431.80	979.56	4,22,974.01
7	KSRB-3.2 Providing and injecting chemical emulsion for pre-constructional Anti-Termite Treatment, creating continuos chemical barrier under and around the column pits, walls, trenches, basement excavation, top surface of the plinth filling, junction of wall and floor, along the external perimeter of building, expantion joints, over the top surface of consolidated earth on which apron is to be laid, surrounding of pipes and conduits, with chloropyriphos emulsifiable concentrates of 20% concentration, including cost of chemical, diluting in water to one percent concentration, labour, HOM of equipments, complete as per specifications (Plinth area of the building at ground floor only shall be measured) Specification No KBS 3.2.6/3.2.7(P 9 PW, P & IWTD - SR 2012-2013) I. 3·2								
	For Pavillion								
	Foundation		20.00	2.40	2.40		115.20		
			10.00	2.10	2.10		44.10		
			10.00	1.80	1.80		32.40		
			2.00	2.40	2.40		11.52		
	Indoor Foundation area		2.00	17.00	8.80		299.20		
			1.00	6.02	8.80		52.98		
							555.40		
	Basic rate	103.00							
	Weightage 8%	8.24							
	Total	111.24							
		Sqm					555.40	111.24	61,782.25
8	KSRB 4-6.4 Providing and removing centering, shuttering, strutting, propping etc, and removal of form work for vertical surface such as walls at any thickness, including attached pilasters, buttresses, plinth and string courses cost of all materials, labour complete as per specifications including all lead and lift charges etc., complete as per directions s directed by Engineer in charges Specification No KBS 4.6.2 (P 15 / PW, P & IWTD - SR 2016-17) I 4·31								
	For Foundation		20.00	8.40		0.68	114.24		
			10.00	7.20		0.60	43.20		
			10.00	6.00		0.53	31.80		
			2.00	8.40		0.68	11.42		
	For main Column tensile roofing		20.00	1.80		8.32	299.52		
	Column Inside Indoor Stadium		10.00	1.30		2.90	37.70		
	Column Next to Car Park area		10.00	1.30		5.30	68.90		
	Column to support stage		2.00	1.80		5.30	19.08		
	For Plinth beam		10.00	9.05		1.05	95.03		
			4.00	40.40		1.05	169.68		
			2.00	3.00		1.05	6.30		
	For Indoor Stadium roof level beam		2.00	17.30		1.05	36.33		
			2.00	17.30		0.80	27.68		
			8.00	5.51		1.20	52.85		

			10.00	8.40		0.75	63.00		
	Pavillion Steps & roof of Indoor		2.00	16.88		16.90	570.54		
	Indoor to pavillion inside steps		2.00	11.12		1.70	37.79		
	Staircase risers		60.00	1.70		0.15	15.30		
	Stage slab		1.00	15.36		6.00	92.16		
	Pavillion exposed beams		4.00	16.51		1.20	79.27		
			8.00	2.40		1.20	23.04		
	Stage beams		5.00	6.00		0.90	27.00		
			2.00	15.36		0.90	27.65		
							1,949.48		
	Basic rate	293.00							
	Weightage 8%	23.44							
	Total	316.44							
		Sqm					1,949.48	316.44	6,16,892.57
9	KSRB 4 2 7 Providing and laying in position reinforced cement concrete of design mix M25 with OPC cement @ 340 kgs, with 20mm and down size graded granite metal coarse aggregates @ 0 7 cum and fine aggregates @ 0 47 cum. with super plastizers @ 3 Lts confirming to IS9103-1999 reaffirmed-2008, machine mixed concrete laid in layers not exceeding 15 cms thick vibrated for R C C beams, column of all sizes in foundation, plinth and super structure ground floor level for roof slabs, staircase, lintels, columns including cost of all materials, labour, HOM of machinery, curing complete as per specifications Specification No KBS 4 1, 4 6 (P 13 PW, P & IWTD - SR 2016-17) 1. 4·12									
	For Foundation		20.00	2.10	2.10	0.68	59.98		
			10.00	1.80	1.80	0.60	19.44		
			10.00	1.50	1.50	0.53	11.93		
	For main Column tensile roofing		20.00	0.45	0.45	8.32	33.70		
	Column Inside Indoor Stadium		10.00	0.45	0.20	2.90	2.61		
	Column Next to Car Park area		10.00	0.45	0.20	5.30	4.77		
	Column to support stage		2.00	0.60	0.30	5.30	1.91		
	For Plinth beam		10.00	9.05	0.30	0.45	12.22		
			4.00	40.40	0.30	0.45	21.82		
			2.00	3.00	0.30	0.45	0.81		
	For Indoor Stadium roof level beam		2.00	17.30	0.30	0.45	4.67		
			2.00	17.30	0.20	0.30	2.08		
			8.00	5.51	0.30	0.30	3.96		
			10.00	8.40	0.45	0.53	20.03		
	Pavillion Steps & roof of Indoor		2.00	16.88	0.15	16.90	85.58		
	Indoor to pavillion inside steps		2.00	11.12	0.18	1.70	6.61		
	Staircase risers		60.00	1.70	0.13	0.15	1.91		
	Stage slab		1.00	15.36	0.15	6.00	13.82		
	Pavillion exposed beams		4.00	16.51	0.30	0.30	19.82		
			8.00	2.40	0.30	0.30	5.76		
	Stage beams		5.00	6.00	0.30	0.30	2.70		
			2.00	15.36	0.30	0.30	2.76		
							338.89		
	Basic rate	6367.00							
	Weightage 8%	509.36							
	Total	6876.36							
		Cum					338.89	6,876.36	23,30,303.68

10	KSRB 4 9 2 Providing T.M.T Steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. Specification No. KBS 4.46.3 (P 19 / 1 4.46 PW, P & IWTD - SR 2016-17)								
	Concrete area			338.89			33.89		
	Basic rate	56050.00							
	Weightage 8%	4484.00							
	Total	60534.00							
		tonne					33.89	60,534.00	20,51,413.87
11	Design and detailed engineering supply and erection of structural steel support complete with 2 coat of epoxy primer coating and with necessary fixing transportation site supervision and commissioning of Tensioned Membrane Struicture including preparation of Membrane shop drawings of PVC tensioned Membrane Roof Structure consisting of Flying mast out of IS make CHS Folder clips. Aluminium clamp boards hardware like bolts screws washers, keder profile extrusion to receive bolts galvonized cablesx as per Indian standard. The Tensile membrane made from Germany make Mehler Valmex FR 900-Type II, with 100% white colour. PVDF-lacquer on both sides protected against microbat and fungal attack UV-protected with weight of 900 g/sqm with 25 years warranty all inclusive and complete as per Engineers instructions including all lead and lift and as per the directions of the Engineer Incharge ---- 1 Tenderers shall not be under a declaration of								
	For Pavillion roof area		1.00	15.08		40.40	609.15		
			1.00	6.06		2.80	16.97		
							626.12		
	Basic rate	11200.00							
	Weightage 8%	896.00							
	Total	12096.00							
		sqmt					626.12	12,096.00	75,73,537.84

12	KSRB 7.11 Providing and fixing in position aluminium windows and ventilators as per approved drawings with sliding shutters using three track window frame of size 92x31.75mm bottom section 1.3mm thick, weight 1.07kg/m, sides and top sections 1.3 mm thick, weight 0.933 kg/m shutter frame section comprising top and bottom section of size 40mmx18mm, wall thickness 1.25mm, weight 0.417 kg/m, shutter side outer 40mmx18mm, wall thickness 1.25mm, weight 0.417 kg/m, shutter interlock section 40mmx26.7mm wall thickness 1.1 mm thick, weight 0.469 kg/m, the shutters mounted on nylon rollers with approved quality of fixtures such as aluminium handles tower bolts etc., providing and fixing 5.5mm thick plain glass for shutters fitted with rubber beading all aluminium sections including cutting to required length, joints mitred subdividing the frame tenonned and rivetted, in the assembled frame, stiffened with end clips for corners, angles etc., and fixed to the walls, lintels, floor beams/cills as the case may be, with necessary steel screws, raul plugs or teak wood gatties including cutting masonry or concrete and making good the original surface using cement mortar rame, stiffened with end clips for corners,								
	Using aluminium section powdered coated to minimum of 60-70 microns with exterior durable pure Poyester grade powder of approved quality								
	For Indoor Stadium I 7.11.2		14.00	1.80	-	1.80	45.36		
			4.00	0.60		0.75	1.80		
							47.16		
	Basic rate	4181.00							
	Weightage 8%	334.48							
	Total	4515.48							
		Sqm					47.16	4,515.48	2,12,950.04
13	KSRB 7.5 Providing and fixing pull and push type rolling shutters of approved make out of 18 guage, 75mm wide cold rolled steel laths of convex corrugation, with side guidess and bottom rail, with interlocking arrangements for steel laths by means of alternate clips, suspension shaft with high tension coil type springs two numbers, mounted on specially designed pipe shaft, with bracket plates, guide channels, ball bearing arrangements, for inside & outside locking with push & pull operations complete including pulling hooks, 4Nos. handles with all fittings and accessories, painted with a coat of red lead paint (without top cover) cost of materials, labour, HOM of machinery, complete as per specification. (P. 31 PW, P & IWTD - SR 2016 17) I 7.15								
	For Indoor Stadium		2.00	3.00		2.80	16.80		
			2.00	1.50		2.80	8.40		
							16.80		
	Basic rate	2862.00							
	Weightage 8%	228.96							
	Total	3090.96							
		Sqm					16.80	3,090.96	51,928.13

14	Providing and laying flooring using Prepolished,water cut/ganag saw 19mm thick laid over bed of 20mm thick 1:4 cm &jointed with neat cement slurry mixed with pigment to mach shade of granite slabs includin glaying POP on finished surface and cleaning the surface, including laying the cost of all materias and laboura etc., complete as per specifications.- using black granite/ Multy red/ruby Red/Ruby Red/Black/Hassan Green Granite of width not less than 900mm (P 107 / 14.47.2 PW, P & IWTD - SR 2016-17)								
	For Indoor gym floor area		2.00	8.68	16.91		293.63		
	For steps, tread		72.00	1.50	0.25		27.00		
			78.00	1.50	0.15		17.55		
	For Skirting		2.00	51.16	0.10		10.23		
							348.41		
	Basic rate	2301.00							
	Weightage 8%	184.08							
	Total	2485.08							
		sqmt					348.41	2,485.08	8,65,824.34
15	KSRB 14.14-5 Providing Ceramic tiles of approved make,shade and size for flooring, treads of steps and landings laid on a bed of 12mm thick, cement mortar 1:3 mix, flush pointing with white cement using colour pigment ,including cost of materials, labour, curing, complete as per specifications Specification No. KBS - Ceramic Tiles of size 30x30cms 6mm thick (P 106 / 14.36.2 PW, P & IWTD - SR 2016-17)								
	For Toilet room area		4.00	1.75	1.50		10.50		
							10.50		
	Basic rate	1176.00							
	Weightage 8%	94.08							
	Total	1270.08							
		sqmt					10.50	1,270.08	13,335.84
16	KSRB 14-17.2 Providing skirting, dado, rises of steps with colour glazed tiles on 10mm thick cement plaster 1:3 and jointed with white cement slurry over existing rough plaster surface using glazed tiles of approved make and size including cost of materials, labour, complete as per specifications. Specification No.KBS 14.16, 14.17 (P 106 / 14.41.1 PW, P & IWTD - SR 2016-17)								
	Toilet Room wall		8.00	1.70	3.75		51.00		
			8.00	1.80	3.75		54.00		
							105.00		
	Deductions								
	Toilet room Door		-4.00	0.90		2.10	-7.56		
	Toilet room Ventilator		-4.00	0.60		0.75	-1.80		
							-9.36		
	Basic rate	1072.00							
	Weightage 8%	85.76							
	Total	1157.76							
		sqmt					114.36	1,157.76	1,32,401.43

17	KSRB 7 9 Providing and fixing M.S.grill work for windows and ventilators using M.S flats, orM.S. Square rods, or combination of M.S. flats and square rods as per approved design, drawing including cutting steel sections and welding the same to required pattern with a coat of red lead primer, cost of materials, fixtures, labour and HOM of machinery complete as per Specifications								
	For Indoor Stadium		14.00	1.80		1.80	45.36		
			4.00	0.60		0.75	1.80		
	For grills considering 25 kg / sqmt						1,179.00		
	Basic rate	78.00							
	Weightage 8%	6.24							
	Total	84.24							
		kg					1,180.80	84.24	99,470.59
18	KSRB 15-3-10 Providing 20mm thick cement plaster in single coat with cement mortar 1 3 to stone masonry including rounding off corners wherever required smooth rendering. Providing and removing scaffolding, including cost of materials, labour, curing etc., complete as per specification. (P. 114/15 18 PW, P & IWTD - SR								
	for Pavillion Steps		2.00	17.18		16.90	580.68		
	For Stage area		1.00	6.02		14.90	89.70		
	For stage rear wall		2.00	25.53		4.83	246.62		
							917.00		
	Basic rate	259.00							
	Weightage 8%	20.72							
	Total	279.72							
		Sqm					917.00	279.72	2,56,503.74
19	KSRB15-3 8 Providing 18mm thick cement plaster in single coat with cement mortar 1 4, to brick masonry including rounding off corners wherever required smooth rendering. Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications								
	Exposed Columns of Pavillion		2.00	1.80	4.50		16.20		
			2.00	1.30	2.25		5.85		
			20.00	1.80	3.10		111.60		
	Beams		4.00	17.50	1.20		84.00		
			8.00	2.00	1.20		19.20		
	Stage Side beam		2.00	15.00	0.95		28.50		
			2.00	6.02	0.95		11.44		
	Pavillion side walls		4.00	41.87			167.48		
	Parking side walls		2.00	17.15	4.50		154.35		
	Staircase side wall		2.00	8.50	2.25		38.25		
							636.87		
	Deductions								
	Rolling Shutter		-2.00	3.00		2.80	-16.80		
	Toilet room Ventilator		-4.00	0.60		0.75	-1.80		
	Windows		-14.00	1.80		1.80	-45.36		
			-2.00	1.50		2.80	-8.40		
							-72.36		
	Basic rate	221.00							
	Weightage 8%	17.68							
	Total	238.68							
		Sqm					564.51	238.68	1,34,736.77

20	KSRB15-3.5 Providing 15mm thick cement plaster in single coat with cement mortar 1:4, to brick masonry including rounding off corners wherever required smooth rendering. : Providing and removing scaffolding, including cost of materials, labour, curing complete as per								
	Indoor Stadium I. 15.13		4.00	41.87			167.48		
	Staircase Side Wall		2.00	8.50	2.25		17.00		
	Inside wall		2.00	16.50	2.10		33.00		
							217.48		
	Deductions								
	Rolling Shutter		-2.00	3.00		2.80	-16.80		
	Toilet room Door		-4.00	0.90		2.10	-7.56		
	Windows		-14.00	1.80		1.80	-45.36		
	Staircase rolling shutter		-2.00	1.50		2.80	-8.40		
							-78.12		
	Basic rate	186.00							
	Weightage 8%	14.88							
	Total	200.88							
		Sqm					139.36	200.88	27,994.64
21	KSRB15-3.1 Providing 12mm thick cement plaster in single coat with cement mortar 1:3, to ceiling including rounding off corners wherever required smooth rendering. Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications (P 113 / 15.09 PW, P & IWTD - SR 2016-17) For								
	Inside Indoor Stadium		1.00	16.93		16.91	286.29		
	Stage slab below area		1.00	15.50		6.02	93.31		
							379.60		
	Basic rate	181.00							
	Weightage 8%	14.48							
	Total	195.48							
		Sqm					379.60	195.48	74,203.48
22	KSRB15-5.1 Providing rough cement plastering 15mm thick in single coat with cement mortar 1:4 to brick masonry for base of dadooing works with sand of approved quality, providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications (P 114 / 15.30 PW, P & IWTD - SR 2016-17) For Dadooing								
	I. 15.30								
	Toilet Room wall		8.00	1.70	3.75		13.60		
			8.00	1.80	3.75		14.40		
							28.00		
	Deductions								
	Toilet room Door		-4.00	0.90		2.10	-7.56		
	Toilet room Ventilator		-4.00	0.60		0.75	-1.80		
							-9.36		
	Basic rate	177.00							
	Weightage 8%	14.16							
	Total	191.16							
		Sqm					18.64	191.16	3,563.22
23	KSRB 4-5 Providing lath plaster with cement mortar 1:3, 5cms thick with 6mm dia mild steel bars at 20 cms c to c both horizontally and vertically fixing chicken mesh for drop chajja, facia, backing to cup boards including cost of all materials, labour, providing and removing form work HOM of machineries, curing, complete as per specifications. Specification. (P 15 / 4.27 PW, P & IWTD - SR 2016-17)								

	In car parking side		2.00	17.70		1.00	35.40		
	Basic rate	967.00							
	Weightage 8%	77.36							
	Total	1044.36							
		Sqm					35.40	1,044.36	36,970.34
24	KSRB 4-2 12 Extra for providing throating or drip moulding to R.C.C chajja with plastering (labour charges only) as per specifications. Specification No. KBS (P 14 / 121 PW, P & IWTD - SR 2016-17)								
	For Window sides		8.00	1.80			14.40		
	Basic rate	20.00							
	Weightage 8%	1.60							
	Total	21.60							
		m					14.40	21.60	311.04
25	Providing applying two coats of wall Putty to inside plastered walls and ceiling using white cement putty. Scrapping and levelling the surface using steel blade and preparing the surface even and smooth by using different grade sand papers, including cost of all materials, cost of labour and Scaffolding etc., complete as per specification. For lime rendering internal walls & ceiling (P 126 / 15 106 PW, P & IWTD - SR 2016-17)								
	Indoor Stadium		4.00	41.87			167.48		
	Staircase Side Wall		2.00	8.50	2.25		17.00		
	Inside wall		2.00	16.50	2.10		33.00		
	Inside Indoor Stadium		1.00	16.93		16.91	286.29		
	Stage slab below area		1.00	15.50		6.02	93.31		
							597.08		
	Deductions								
	Rolling Shutter		-2.00	3.00		2.80	-16.80		
	Toilet room Door		-4.00	0.90		2.10	-7.56		
	Windows		-14.00	1.80		1.80	-45.36		
	Staircase rolling shutter		-2.00	1.50		2.80	-8.40		
							-78.12		
	Basic rate	56.00							
	Weightage 8%	4.48							
	Total	60.48							
		Sqm					518.96	60.48	31,386.48
26	KSRB15.15.2 Providing and applying painting in two coats with plastic emulsion paint of approved brand on wall surface to give an even approved shade after throroughly brushing the surface , free from mortar drops and other froeign matter including ipreparing the surface even and sand paper smooth, cost of material s, labour, complete as per specifications with primer (P 117 PW, P & IWTD - SR 2016-17)								
	Indoor Stadium		4.00	41.87			167.48		
	Staircase Side Wall		2.00	8.50	2.25		17.00		
	Inside wall		2.00	16.50	2.10		33.00		
	Inside Indoor Stadium		1.00	16.93		16.91	286.29		
	Stage slab below area		1.00	15.50		6.02	93.31		
							597.08		
	Deductions								
	Rolling Shutter		-2.00	3.00		2.80	-16.80		
	Toilet room Door		-4.00	0.90		2.10	-7.56		

	Windows		-14.00	1.80		1.80	-45.36		
	Staircase rolling shutter		-2.00	1.50		2.80	-8.40		
							-78.12		
	Basic rate	90.00							
	Weightage 8%	7.20							
	Total	97.20							
		Sqm					518.96	97.20	50,442.55
27	KSRB 15-15.2 Extra over Item 15-15.1 for painting in one coat with plastic emulsion paint of approved brand shade on ceiling and/ or sloping roof as per specifications (P 117 / 15.51 3 PW, P & IWTD - SR 2016-17)								
	Inside Indoor Stadium		1.00	16.93		16.91	286.29		
	Stage slab below area		1.00	15.50		6.02	93.31		
							379.60		
	Basic rate	4.00							
	Weightage 8%	0.32							
	Total	4.32							
		Sqm					379.60	4.32	1,639.86
28	Providing and finishing external walls in two coats over one coat of 100% acrylic silicon glazed primer with antifungal paint for top coat of approved brand and shade to give an even shade after thoroughly brooming the surface to remove all dirt and loose powdered material, free from mortar drops and other foreign matter cost of materials, labour, complete as per specifications (P 125 / 15.104 PW, P & IWTD - SR 2016-17)								

	Exposed Columns of Pavillion		2.00	1.80	4.50		16.20		
			2.00	1.30	2.25		5.85		
			20.00	1.80	3.10		111.60		
	Beams		4.00	17.50	1.20		84.00		
			8.00	2.00	1.20		19.20		
	Stage Side beam		2.00	15.00	0.95		28.50		
			2.00	6.02	0.95		11.44		
	Pavillion side walls		4.00	41.87			167.48		
	Parking side walls		2.00	17.15	4.50		154.35		
	Staircase side wall		2.00	8.50	2.25		38.25		
							636.87		
	Deductions								
	Rolling Shutter		-2.00	3.00		2.80	-16.80		
	Toilet room Ventilator		-4.00	0.60		0.75	-1.80		
	Windows		-14.00	1.80		1.80	-45.36		
			-2.00	1.50		2.80	-8.40		
							-72.36		
	Basic rate	151.00							
	Weightage 8%	12.08							
	Total	163.08							
		Sqm					564.51	163.08	92,059.96
29	KSRB 15-18.2 Providing and applying enamel metal paint two coats (excluding priming coat) over new steel or other metal surface brushing to give an even shade after cleaning oil, grease, dirt and other foreign matter, including cost of materials, labour, complete as per specifications (P 121 / 15.74 PW, P & IWTD - SR 2016-17)								
	Rolling Shutter		2.00	3.00		2.80	16.80		
	MS Grill		14.00	1.80		0.36	9.07		
	Rolling Shutter		2.00	1.50		2.10	6.30		
	MS grill		4.00	0.60		0.23	0.54		
	For Railling		4.00	14.25		1.20	68.40		
			2.00	9.90		1.20	23.76		
			2.00	36.02		1.20	86.45		
	For Stage		1.00	26.02		1.20	31.22		
							32.71		
	Basic rate	82.00							
	Weightage 8%	6.56							
	Total	88.56							
		Sqm					32.71	88.56	2,896.97
30	Providing and fixing M.S.Hand railing for Balcony/Staircase etc., with 50mm dia M.S hollow pipe of 14guage,wlded to 20mmx20mmxM.S square rod placed vertically, spaced at 100mm at regular intervals of of 600mm. These vertical rods laterally tied to 3 horizontal rods spaced at equal intervals. These assembly is fixed to concrete by using expansion bolts and welding the same reinforcement bars and making good the surface. All the joints and sections hold be cut to length, welded and drinded wherever necessary etc., complete. The work includes cost of all materials, labour charges for all items of work, hire charges for welding, cutting and grinding equipment, and electricity charges, etc.,complete per specification and drawing (P 42 / 7.35 PW, P & IWTD - SR 2016-17)								
	For Pavillion steps		4.00	14.25		1.20	68.40		
	For Inside Staircase		2.00	9.90		1.20	23.76		

	For Stage		2.00	36.02		1.20	86.45		
			1.00	26.02		1.20	31.22		
							178.61		
	Basic rate	2646.00							
	Weightage 8%	211.68							
	Total	2857.68							
		Sqm					178.61	2,857.68	5,10,404.51
	Electrification and BESCOM deposit							LS	4,50,000.00
	Mescellaneous and unforeseen Charges							LS	3,893.51
								Total	1,70,00,000.00

BASKET BALL COURT

No	Item No	Description of the item	Unit	Nos	Measurement (m) L	B	D	Qty	Rate	Amount
31	2.1	KSRB 2-1.1 : Earthwork in surface excavation in ordinary soil for levilling and lowering the ground manually (other than foundation of buildings,culvrts,road drains and tranches of pipe lines and cables)and removing the excavated stuff to a distance not exceeding 50m and lift 1.5m, exacvated stuff to a distance not excedding 50m and lift upto 1.5m ,excavated surface levelled and neatly dressed,dispoesd earth to be levelled after breaking pf clodes neatly specifications . No. KBS 2.1(b) / 2.3.5								
		basket ball pilller		2.00	0.60	0.60	0.90	0.65		
		Basket ball court excavation		1.00	30.00	20.00	0.30	180.00		
		TOTAL	Cum					180.65	157.00	28361.74
32	19.60	KSRRB M300-53 Construction of embankment with aproved matrial Gravel/murrum with all lifts and leads,trasporting to site,speading,grading to required slope and compacting to meet requirement Table300-2 complete as per specifications,including cost of gravel / murrum,watering charges & compaction by vibratory roller to 95% of proctors density. MORTH Specification No.305								
		Basket ball court area	Cum	1.00	30.00	20.00	0.60	360.00	302.00	108720.00
33	20.14.4	KSRRB M400- Water Bound Macadam KSRRB M400-14.1. Providing, laying, spreading and compacting stone aggregates of specific sizes to water bound macadam specifications including spreading in uniform thickness, hand packing, rolling with 3- wheeled steel/vibratory roller 8-10 tonnes in stages to proper grade and camber, applying and brooming requisite type of screening/binding materials to fill up the interstices of coarse aggregates, watering and compacting to the required density complete as per Specification. A. By mannual means. MORTH Specification No. 404 - Crushable type such as Moorum or Gravel for grading III								
		Basket ball court		1.00	30.00	20.00	0.10	60.00		
		TOTAL	Cum					60.00	1696.00	101760.00
34	4.6	KSRB 4-1.7 : Providing and laying in position plain cement concrete of mix M15 with OPC cement @ 220kgs, with 20mm and down size graded granite metal coarse aggregates @0.84cum and fine aggregtes @ 0.56cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation,plinth and cills, ncluding cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2								
		Basket ball court Base Flooring		1.00	30.00	20.00	0.15	90.00		
		basket ball pilller		2.00	0.60	0.60	0.90	0.65		
		TOTAL	Cum					90.65	5282.00	478802.74
35	4.28	KSRB 4-6.1 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for foundations, footings, bases of columns for mass concrete including cost of all materials, labour complete as per specificaitons. Specification No. KBS 4.6.2 (PW,P & IWTD SR Bellary Circle 2015-16). For Footing								
		side for base slab		2.00	30.00	0.10		6.00		
				2.00	20.00	0.10		4.00		
		TOTAL	Sqm					10.00	231.00	2310.00
36	15.18	KSRB15-3.10 : Providing 20mm thick cement plaster in single coat with cement mortar 1:3, to stone masonry & concrete surface including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications.								
		Basket ball court Base Flooring		1.00	30.00	20.00		600.00		
		TOTAL	Sqm					600.00	259.00	155400.00

No	Item No	Description of the item	Unit	Nos	Measurement (m)			Qty	Rate	Amount
					L	B	D			
37	4.46.2	KSRB 4.9.2 : Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. Specification No. KBS 4.6.3								
		8MM@ 200 C/C		Area	Thickness	Volume	Unit Weight			
		150 X 20				3000.00	0.395	1185.00		
		100 X 30				3000.00	0.395	1185.00		
		TOTAL	KG					2370.00		
		TOTAL	Tonne					2.37	56050.00	132838.50
38	DR	Providing and fixing of rectangular black board size 1.20x1.80 with suitable pillars and accessories As per the standard and specification of sport authourity of india and directions of pmc/Eic (Data Rate)								
				2.00				2.00		
		TOTAL	Nos					2.00	45000.00	90000.00
39	24.7	KSRRB M800-6. Painting two coats on New Cocrete Surface :- Painting two coats after filling the surface with synthetic enamel paint in ll shades on new plastered concrete surfaces complete as per specifications.MORTH Specification No. 803(P-180,I-24.7)								
				2.00	30.00	0.10		6.00		
				3.00	18.00	0.10		5.40		
				2.00	10.00	0.10		2.00		
		TOTAL						14.00	66.00	924.00
		TOTAL								1099117.00

BRUHATH BENGALORE MAHANAGARA PALIKE

YELAHANKA DIVISION

Name of Work : DEVELOPMENT OF PLAY GROUND AT JUDICIAL LAYOUT IN WARD NO.4

Abstract of Detailed Cost Estimate

Sl. No.	Description of Work	Cost in Rs.
1	Construction of Play Ground	16546106.49
2	Construction of Skating with Basket Ball Court	1099117.00
3	Construction of General Ground	1400883.00
	Sub Total	19046106.49
	Electrification and BESCOM deposit	450000.00
	D.P.R Charges	247599.38
	PMC Charges	247599.38
	Miscellenous Charges	8694.74
	GRAND TOTAL	20000000.00

Ramaregowda.
Assistant Engineer
Ward no.4
BBMP

Assistant Executive Engineer
Yelahanka New Town Sub Division
BBMP

Executive Engineer
Yelahanka Division
BBMP

Administrative Sanction for Rs. 200.00 lacs
Two Hundred Lakh
- only -
is accorded under head P.3100-
2016-17

Registered as CE No. ..... Subject to conditions contained in enclosed memo No. EE/YNK/Adm/10/17-18 Dt. 23.4.2018

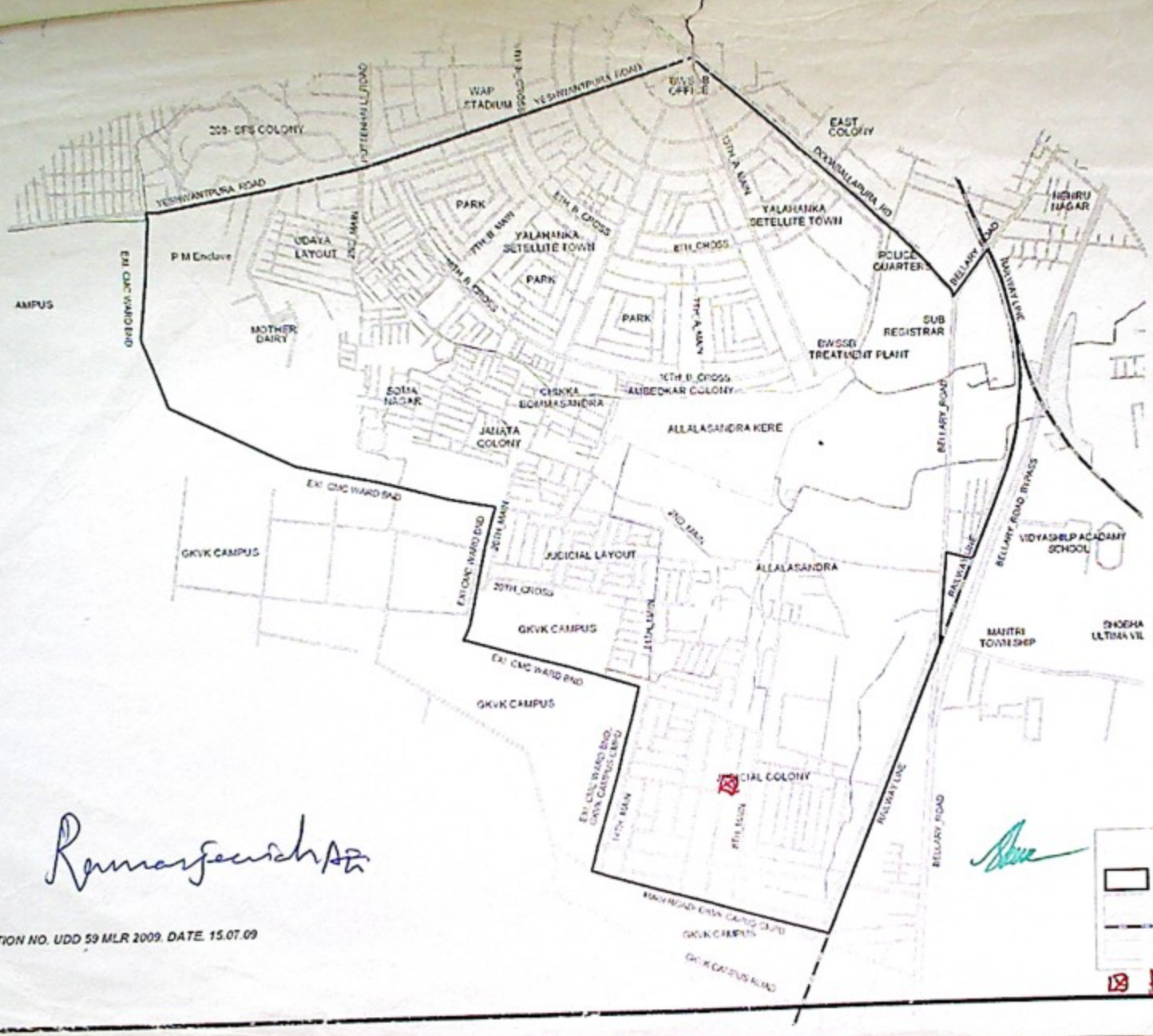
Executive Engineer

Technical Sanction
Accorded For 200.00 lakh Rs.
Head of A/C P3100
CER NO : 67 Dt: 30/06/17

TA, CE (YNK)

BRUHAT BANGALORE ...

WARD: 4 - YELHANKA SATELL...



INDEX

- PROPOSED WARD BOUNDARY
- RIVER/ DRAIN
- RAILWAY LINE
- ROAD

NOTIFICATION NO. UDD 59 MLR 2009, DATE. 15.07.09

19 Proposed Work Spot